



9-8-05

EW 2/62

PTO/SB/17 (12-04v2)

Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless it displays a valid OMB control number

Effective on 12/08/2004.
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL

For FY 2005

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180.00

Complete if Known

Application Number	10/087,621
Filing Date	March 1, 2005
First Named Inventor	Remsen
Examiner Name	Chen, Chongshan
Art Unit	2162
Attorney Docket No.	24443-501-UTIL

METHOD OF PAYMENT (check all that apply)

- ☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____
- ☒ Deposit Account Deposit Account Number: 50-0311 Deposit Account Name: Mintz Levin
- For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)
- ☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee
- ☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180
Total Claims	Extra Claims	Fee (\$)
- 20 or HP = _____ x _____ = _____		
HP = highest number of total claims paid for, if greater than 20.		
Indep. Claims	Extra Claims	Fee (\$)
- 3 or HP = _____ x _____ = _____		
HP = highest number of independent claims paid for, if greater than 3.		

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 = _____ / 50 = _____ (round up to a whole number) x _____ = _____				

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount) Fees Paid (\$)

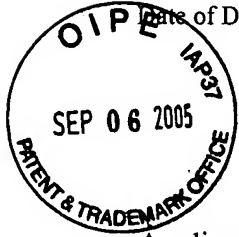
Other (e.g., late filing surcharge): Supplemental Information Disclosure Statement 180.00

SUBMITTED BY

Signature		Registration No. (Attorney/Agent) 38,536	Telephone (212) 935-3000
Name (Print/Type)	Richard M. Lehrer	Date September 6, 2005	

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Number : 10/087,621 Confirmation No. 7946
Applicants : Remsen, et al.
Filed : March 1, 2002
TC/A.U. : 2162
Examiner : Chen, Chongshan
Customer No. : 35437
For : **MANAGING TAXONOMIC INFORMATION**

Mail Stop: IDS
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Sir:

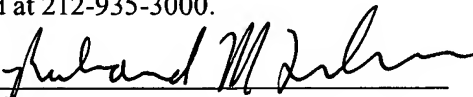
Transmitted herewith for filing in the above-referenced patent application are the following documents:

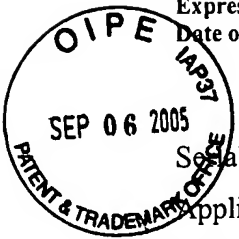
1. Supplemental Information Disclosure Statement (2 pages), in duplicate;
2. Modified Form 1449/PTO (3 pages), in duplicate;
3. Cited Reference C1;
4. Fee Transmittal Form
5. Check No. 2792 for \$180.00
6. Return postcard.

The Commissioner is hereby authorized to charge any additional fees that may be due to Deposit Account No. **50-0311**, Ref. No. **24443-501-UTIL**, Customer No. **35437**.

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at 212-935-3000.

Date: September 6, 2005


Richard M. Lehrer
Reg. No. 38,536
c/o MINTZ, LEVIN, COHN, FERRIS
GLOVSKY & POPEO, P.C.
The Chrysler Center
666 Third Avenue, 24th Floor
New York, NY 10017
Telephone: (212) 935-3000
Fax: (212) 983-3115



Express Mail Label No.: EL 991157835 US
Date of Deposit: September 6, 2005

Attorney Docket No.: 24443-501-UTIL

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No. : 10/087,621 Confirmation Number: 7946
Applicants : David P. Remsen, *et al.*
Filing Date : March 1, 2002
TC/A.U. : 2162
Examiner : Chen, Chongshan
Docket No. : 24443-501-UTIL
Customer No. : 35437
For : **MANAGING TAXONOMIC INFORMATION**

MAIL STOP IDS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, Applicants hereby makes of record the documents listed on the attached modified Form PTO-1449 (submitted in duplicate) in the above-identified application, copies of which are submitted herewith.

This Supplemental Information Disclosure Statement is being filed more than three months after the filing date of this application but before the mailing date of a Notice of Allowance under 37 C.F.R. § 1.311. Accordingly, the fee of \$180 as set forth in 37 C.F.R. § 1.17(p) is enclosed.

It is respectfully requested that the Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims. It is also respectfully requested that the Examiner initial, sign and date, and return a copy of the signed modified Form PTO-1449 with the next U.S. Patent and Trademark Office communication, to evidence that the cited information has been fully considered by the U.S. Patent and Trademark Office during the examination of this application.

By submitting this Information Disclosure Statement, the Applicants make no representation that: (1) a search has been performed, the extent of any search performed, or that more relevant information does not exist; (2) the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b); and (3) the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

The order of presentation of the references should not be construed as an indication of the importance of the references. The Examiner is urged to form his/her own conclusion regarding the relevance of the cited information.

Please charge any fees that may be due, or credit any overpayment of same, to Deposit Account No. **50-0311**, Reference No. **24443-501-UTIL**, Customer No. **35437**.

Respectfully submitted,

Dated: September 6, 2005



Richard M. Lehrer, Reg. No. 38,536
Boris A. Matvenko, Reg. No. 48,165
Attorneys for Applicants
c/o MINTZ, LEVIN, COHN, FERRIS, *et al.*
666 Third Avenue, 24th Floor
New York, New York 10017
Phone: (212) 935-3000
Fax: (212) 983-3115

Substitute for form 1449A/PTO

SEP 06 2005

(~~Use~~ as many sheets as necessary)

Sheet <u>03</u>	of	2
-----------------	----	---

Complete if Known

Application Number	10/087,621
Filing Date	March 1, 2002
First Named Inventor	David P. Remsen
Group Art Unit	2162
Examiner Name	Chen, Chongshan
Attorney Docket Number	24443-501-UTIL

[illegible][illegible]

**Examiner
Signature**

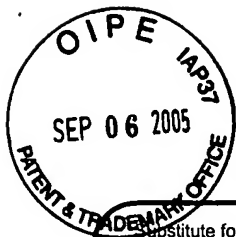
Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.



PTO/SB/08B(10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 2 of 2

Complete if Known

Application Number	10/087,621
Filing Date	March 1, 2002
First Named Inventor	David P. Remsen
Group Art Unit	2162
Examiner Name	Chen, Chongshan
Attorney Docket Number	24443-501-UTIL

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C1	Gladys Cotter, et al., "The National Biological Information Infrastructure: coming of age", Online Information Review, Volume 24 - Number 6, pp. 429-438, copyright MCB University Press - ISSN 1468-4527 (2000).	

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.